

ABSTRACT OF THE DISCLOSURE

5 A lock-pin cartridge for a valve deactivation rocker arm assembly. The cartridge comprises a body having an axial bore having first and second ends, the second end having a closure and a passage therethrough. A piston assembly comprising a locking pin and a piston is disposed in the bore. The locking pin extends through the second end passage to provide latching and unlatching of rocker arm elements. The piston is
10 spaced apart from the ends to define a hydraulic chamber and a spring chamber within the bore on opposite sides of the piston. A spring is disposed in the spring chamber for urging the piston assembly toward one of the first and second ends. The hydraulic chamber includes means for communicating with a supply of hydraulic fluid for actuating the piston assembly.